

PCT09

RAW SEQUENCE LISTING

DATE: 09/20/2001

PATENT APPLICATION: US/09/914,665

TIME: 12:41:20

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3 <110> APPLICANT: Christine Leib-Msch
4      Ulrike Schn
5      Corinna Baust
7 <120> TITLE OF INVENTION: RETROVIRAL EXPRESSION VECTORS ON THE BASIS OF
8      HERV-LONG TERMINAL REPEAT SEQUENCES
10 <130> FILE REFERENCE: 10737-006001
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/914,665
C--> 12 <141> CURRENT FILING DATE: 2000-03-09
12 <150> PRIOR APPLICATION NUMBER: PCT/EP00/02064
13 <151> PRIOR FILING DATE: 2000-03-09
15 <150> PRIOR APPLICATION NUMBER: DE 199 10 650.9
16 <151> PRIOR FILING DATE: 1999-03-10
18 <160> NUMBER OF SEQ ID NOS: 47
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25 <213> ORGANISM: Human endogenous retrovirus
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30 tgtttctgcc ctaccctgac tgatcaatgt gctttgtaat ctccccacc cttcagaagg 180
31 ctctttgttaa tcctccccac ccttgagaat ggacttggtg agatccacc cctgcctgca 240
32 aagcattgcc cctaactcca ccgcctgtcc caaaacctat gagaactaat gataatccca 300
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45 attccaacat tgtgatttgt tcctgcccc aacctactga taaatgtact ttgtaatctc 180
46 cccaccctt aagaaggctc tttgtaattc tccccacct tgagagtgtg ctttgtgaga 240
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60 aactgatgac attaccttgt gaaattcctt ctctggctc atctggctc aaaagctccc 180
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75 tgttcgtgcc ttaactgatg acattgtctt gtgaaattcc tctcctggc tcatcctggc 180
76 tcaaaagctc ccgactgag tacattgtga ccccaactcc tgcccgccag agaacagccc 240
77 cctttgactg taattttcct ttatctaccc aaatcctata aaacagcccc acctttatct 300
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92 ctttccaaa tcctataaaa cggcccacc cctatctccc ttcgctgact ctcttttcgg 300
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118 actgatgaca ttccaccatg gtgatttgtt cttgcccac cttaactgag tgattaaccc 180
119 tgtgaatttg cttctcctgg ctcaagaact ccccaactga gcaccttggt acccccgccc 240
120 ctgcccacca gagaacaacc ccctttgact gtaattttcc attaccttc caaatcctat 300
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122 cccaggtgaa ataaacagcc atgttgctca cat 393

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133 actgatgaca ttccaccatg gtgatttggt cttgccccac ctttaactgag tgattaaccc 180
134 tgtgaatttg cttctcctgg ctccagaagct cccccactga gcaccttggt acccccgccc 240
135 ctgcccacca gagaacagac ccctttgact gtaattttcc attaccttcc caaatcctat 300
136 aaaacggccc caccctatc tcccttcgct gaactctttt tcggactcag cccgcctgcc 360
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140 <210> SEQ ID NO: 9
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148 attccaccat tgtgatttgt ttctgcccc tctaactga tcaatgtact ttgtaatctc 180
149 tcccaccctt aagaagggtt tttgtaattc tccccaccct tgagagtgtg ctttgtgaga 240
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163 attccaccat tgtgatttgt tcctgcccc cgctaactga taccatatat tcttcccccg 180
164 cccttgagaa tgtactttgt acacctatcc caaacctata agaactaatg ataatcctac 240
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177 caccattgtg atttgttctt gccccacgct aactgatacc atatattctt ccccgccct 180
178 tgagaatgta ctttgtacac ctatcccaaa cctataagaa ctaatgataa tccaccaccc 240
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192 cccttgagaa tgtactttgt acacctatcc caaacctata agaactaatg ataatcctac 240
193 caccctttgc tgactctctt tttggactca gcccgcctgc acccagggtga aataaacagc 300
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205 cacaccaaac caatcaggta gtaaagaggg ctactaaaa tgctaattag gcaaagacag 180
206 gaggtaaaaga aatagccaat catctattgc ctgagagcac agcaggaggg acaatgatcg 240
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220 gaggcaaaga agtagccaat catctgttgc ctgacagcac agcaggaggg acaatgatcg 240
221 ggatataaac ccaggcattc gagccagcta cagctaccct ctttgggtcc cctccctttg 300
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226 <211> LENGTH: 322
227 <212> TYPE: DNA
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233 cacacttgac cagtcaggta gtaaagagag ctactaaaa tgctaattag gctaaaacag 180
234 gaggtaaaaga aatagacaat catctatcac ctgagagcac agtgggaggg acaatgatcg 240
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263 ggatataaac tcaggcattc aagccagcaa tggctaccca ctttgggtcc cctcccattt 300
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VERIFICATION SUMMARY

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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date